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**STRUCTURAL ENGINEERS ASSOCIATION  
OF SOUTHERN CALIFORNIA**  
*A Non-Profit California Corporation*

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**2016-2017  
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## **2016-2017 SEAOSC Seismology Committee Charges**

### **SEAOSC Vision**

The Structural Engineers Association of Southern California (SEAOSC) is the premier professional organization to which local Structural Engineers belong. The organization serves its members in the noble profession of structural engineering by fostering and promoting the contributions of structural engineers to society.

### **SEAOSC Mission**

SEAOSC is a member-centric organization, where substance and image are equally promoted through fiscally responsible management and optimization of the benefits to the members. SEAOSC leadership and membership will strive to reach the ideals represented by the following five pillars of the association: Membership Value, Image & Advocacy, Codes & Standards, Education, and Legislative Participation.

### **SEAOSC Codes & Standards Committees Mission**

Enhance the code and standard development process with effective committee work and cooperation with our partners in the process. Lead applied research efforts to enhance the practice of structural engineering in Southern California and elsewhere. Contribute to the development of structural engineering technologies.

### **SEAOSC Seismology Committee Mission**

Research of ground motions caused by earthquakes, evaluate their effects on building structures and building materials and systems, evaluate of seismic design code and technical group documents, and disseminate information, through the Board of Directors (BOD), to the membership regarding existing and new seismic design methodologies and concepts.

### **SEAOSC Seismology Committee Standing Charges**

- Provide one educational seminar and two webinar presentations
- Evaluate viability of research projects that may be of interest to SEAOSC
- Monitor the developments of technologies and issues that arise with building materials, structural systems, and evaluation and design methods

- Review and disseminate information about recent seismic standards and technical documents
- Coordinate with Steel Buildings and Research Subcommittees for the development of work products
- Coordinate/support the activities of the SEAOC Seismology Committee and other related industry partners

#### **SEAOSC Seismology Committee Charges for Current Year**

- Provide guidance and design tools (e.g., examples, guides, articles, seminars) for membership regarding design of buildings and current IBC and CBC code and standard requirements
- Develop and publish design guide and examples for seismic retrofit of non-ductile concrete buildings
- Work in reorganizing and updating SEAOC bluebook (2019) with a focus on “better performing” designs. It is envisioned that the updated Blue Book will provide a practical guide for engineers on how to use currently available performance based design methods and recommendations for implementing important research findings.